Contents

Ahmad, A. F., Leis, U.: Transfection with Heteroduplex *SPP1* DNA: A Pyrimidine Dimer Induced Influence on the Conversion Pattern . . . 103
Apirion, D., s. Kinscherf, T. G. . . . 357
Atkins, J. F., Gesteland, R. F.: The Synthetase Gene oft the RNA Phages R 17, MS2 and f2 has a Single UAG Terminator Codon . . . 19
Bagdasarian, M., Hryniewicz, M., Zdzienicka, M., Bagdasarian, M.: Integrative Suppression of a *dnaA* Mutation in *Salmonella typhimurium* . . . 213
Bagdasarian, M., s. Bagdasarian, M., *et al.* . . . 213
Baron, L. S., s. Wohlhieter, J. A., *et al.* . . . 93
Benne, R., Pouwels, P. H.: The Role of IF-3 in the Translation of T7- and *Φ80trp* Messenger RNA . . . 311
Berger, S., Schweiger, H.-G.: An Apparent Lack of Non-transcribed Spacers in rDNA of a Green Alga . . . 269
Bhattacharjee, J. K., s. Burand, J. P., *et al.* . . . 303
Bolotin-Fukuhara, M., s. Esposito, M. S., *et al.* . . . 9
Bullas, L. R., Colson, C.: DNA Restriction and Modification Systems in *Salmonella*. III. SP, a *Salmonella potsdam* System Allelic to the SB System in *Salmonella typhimurium* . . . 177
Burand, J. P., Drillien, R., Bhattacharjee, J. K.: Citrate Synthaseless Glutamic Acid Auxotroph of *Saccharomyces cerevisiae* . . . 303
Campbell, J. H., Rolfe, B. G.: Evidence for a Dual Control of the Initiation of Host-cell Lysis Caused by Phage Lambda . . . 1
Colson, C., s. Bullas, L. R. . . . 177
Cooper, S., Ruettinger, T.: A Temperature Sensitive Nonsense Mutation Affecting the Synthesis of a Major Protein of *Escherichia coli* K12 . . . 167
DasGupta, C. K., Poddar, R. K.: Ultraviolet Reactivation of the Single Stranded DNA Phage φX 174 . . . 77
Drillien, R., s. Burand, J. P., *et al.* . . . 303
Esposito, M. S., Bolotin-Fukuhara, M., Esposito, R. E.: Antimutator Activity during Mitosis by a Meiotic Mutant of Yeast . . . 9
Esposito, R. E., s. Esposito, M. S., *et al.* . . . 9
Foltermann, K. F., s. Kelln, R. A., *et al.* . . . 277
Forster, J. L., Kleese, R. A.: The Segregation of Mitochondrial Genes in Yeast. I. Analysis of Zygote Pedigrees of Petite × Grande Crosses . . . 329
Forster, J. L., Kleese, R. A.: The Segregation of Mitochondrial Genes in Yeast. II. Analysis of Zygote Pedigrees of Drug-resistant × Drug-sensitive Crosses . . . 341
Gemski, P., Jr., s. Wohlhieter, J. A., *et al.* . . . 93
Gesteland, R. F., s. Atkins, J. F. . . . 19
Green, M. M.: Conversion as a Possible Mechanism of High Coincidence Values in the Centromere Region of *Drosophila* . . . 57
Gunge, N.: Genetic Analysis of Unequal Transmission of the Mitochondrial Markers in *Saccharomyces cerevisiae* . . . 189
Higo, K., s. Itoh, T., *et al.* . . . 293
Hryniewicz, M., s. Bagdasarian, M., *et al.* . . . 213
Itoh, T., Kosugi, H., Higo, K., Osawa, S.: Ribosomal Proteins from Streptomycin-resistant and Dependent Mutants, and Revertants from Streptomycin-dependence to Independence in *Bacillus subtilis* . . . 293
Jabłońska, E., Kauc, L., Piekarowicz, A.: An *Haemophilus influenzae* Mutant which Inhibits the Growth of HP1c1 Phage . . . 157
Kauc, L., s. Jabłońska, E., *et al.* . . . 157

Kelln, R. A., Foltermann, K. F., O'Donovan, G. A.: Location of the *argR* Gene on the Chromosome of *Salmonella typhimurium* 277
Kimura, A., s. Muto, A., *et al.* 321
Kinscherf, T. G., Apirion, D.: Polynucleotide Phosphorylase Can Participate in Decay of mRNA in *Escherichia coli* in the Absence of Ribonuclease II 357
Kleese, R. A., s. Forster, J. L. 329, 341
Kosugi, H., s. Itoh, T., *et al.* 223
Lambertsson: The Ribosomal Proteins of *Drosophila melanogaster*. IV. Characterization by Two-dimensional Gel Electrophoresis of the Ribosomal Proteins from Nine Post-embryonic Developmental Stages 133
Lambertsson, A. G.: The Ribosomal Proteins of *Drosophila melanogaster*. V. Analysis by Two-dimensional Gel Electrophoresis of the Ribosomal Proteins of the Temperature-sensitive Lethal Allele of Suppressor of Forked, $l(1)\,su(f)^{ts\,67g}$: A Putative Ribosomal Protein Mutant 145
Leal, J., Marcovich, H.: Electron Microscopic Observations of the tsx^s Gene Expression in *Escherichia coli* K12F$^-$ Cells after Conjugation with Hfr Bacteria 203
Leis, U., s. Ahmad, A. F. 103
Marcovich, H., s. Leal, J. 203
Marzluf, G. A., s. Reinert, W. R. 39
Masselot, M., Robichon-Szulmajster, H. de: Methionine Biosynthesis in *Saccharomyces cerevisiae*. I. Genetical Analysis of Auxotrophic Mutants 121
Muto, A., Kimura, A., Osawa, S.: Effects of Some Antibiotics on the Stringent Control of RNA Synthesis in *Escherichia coli* 321
Nevers, P., Spatz, H.-C.: *Escherichia coli* Mutants *uvr D* and *uvr E* Deficient in Gene Conversion of λ-heteroduplexes 233
O'Donovan, G. A., s. Kelln, R. A., *et al.* 277
Osawa, S., s. Itoh, T., *et al.* 293
Osawa, S., s. Muto, A., *et al.* 321
Piekarowicz, A., s. Jabłońska, E., *et al.* 157
Poddar, R. K., s. DasGupta, C. K. 77
Pouwels, P. H., s. Benne, R. 311
Procunier, J. D., s. Williamson, J. H. 33
Reinert, W. R., Marzluf, G. A.: Genetic and Metabolic Control of the Purine Catabolic Enzymes of *Neurospora crassa* 39
Robichon-Szulmajster, H. de, s. Masselot, M. 121
Rolfe, B. G., s. Campbell, J. H. 1
Rüger, W.: RNA Polymerase Binding Sites Isolated from T4 DNA: Analysis of Oligopyrimidine Sequences Constituting Preinitiation and Initiation Complexes 67
Ruettinger, T., s. Cooper, S. 167
Schweiger, H.-G., s. Berger, S. 269
Spatz, C., s. Nevers, P. 233
Taketo, A.: Replication of ΦA and ΦX174 in *Escherichia coli* Mutants Thermosensitive in DNA Synthesis 285
Vig, B. K., s. Zimmermann, F. K. 255
Wilkins, B. M., s. Worsey, M. J. 245
Williamson, J. H., Procunier, J. D.: Disproportionately-replicated, Nonfunctional rDNA in Compound Chromosomes of *Drosophila melanogaster* 33
Wohlhieter, J. A., Gemski, P., Jr., Baron, L. S.: Extensive Segments of the *Escherichia coli* K12 Chromosome in *Proteus mirabilis* Diploids 93
Worsey, M. J., Wilkins, B. M.: Induction of Prophage λ during the Division Cycle of *Escherichia coli* 245
Zdzienicka, M., s. Bagdasarian, M., *et al.* 213
Zimmermann, F. K.: Vig, B. K.: Mutagen Specificity in the Induction of Mitotic Crossing-over in *Saccharomyces cerevisiae* 255
Announcement 92

Indexed in Current Contents